

Regulatory Unit

Monthly Performance Report

July 2000

Office of Safety
Regulation of the
RPP-WTP
Contractor

September 2000
Environmental Management
Performance Report Submittal

Richland Operations Office
P.O. Box 550, A4-70
Richland, Washington
99352

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EXECUTIVE OVERVIEW

EXECUTIVE SUMMARY

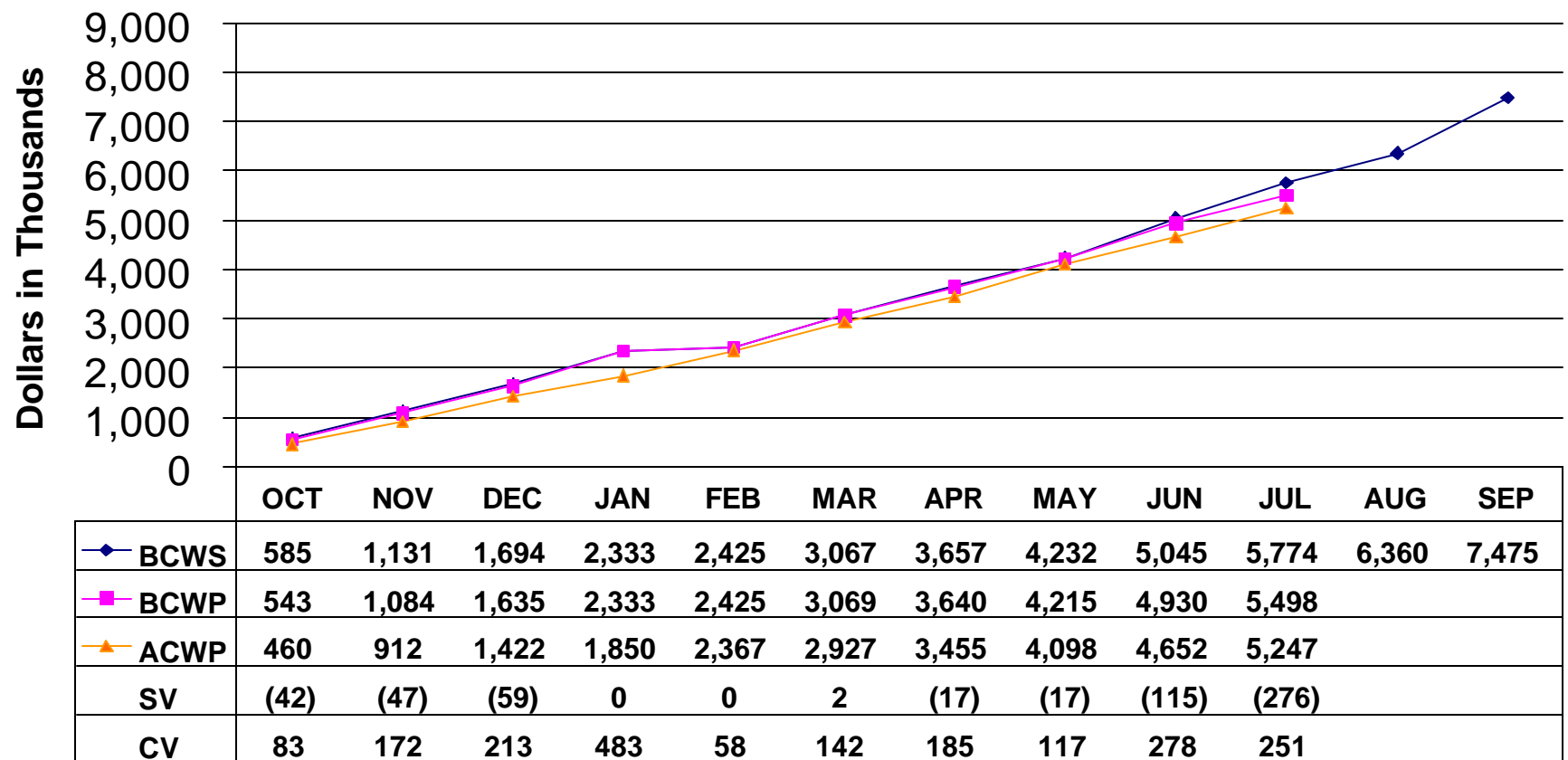
In June, DOE issued a notice of termination to BNFL Inc. for all work associated with Contract DE-AC27-96RL13308. The Regulatory Unit (RU) began to transition activities to CH2M Hill Hanford Group, Inc. (CHG) on July 3, 2000, and continued to transition through BNFL Inc. contract termination on July 28. The interaction with CHG focussed on outlining what the authorization basis consisted of, and on necessary prerequisites to perform important to safety design.

The RU worked with the Office of River Protection (ORP) to establish the Regulatory Program with the transition contractor (CHG). The RU also provided ORP with extensive input regarding the Regulatory Program and how it should be represented in the Request for Proposal for design and construction of the vitrification facility. ORP did not incorporate the input into the RFP, and has not provided the RU with the necessary contractual standing with CHG to allow the RU to regulate safety activities. These important issues remain open. There have been initial discussions with the new acting manager of ORP.

The office of EM-1 has commissioned an independent organization specialist to assess the proper reporting relationship of the RU for future regulatory activities. The assessment is expected to be complete by the end of August. The draft Request for Proposal does not provide information concerning the Regulatory Unit's role and responsibilities.

The "External Independent Review of the River Protection Project (Tank Waste Remediation System)", Task B Report, was submitted to DOE on July 24, 2000. This report concludes that all aspects of the nuclear regulatory process within the River Protection Project (RPP) are in good order and that "In its organizational independence and its requirement-setting process, the RU represents an impressive new approach in regulation for DOE". The report also stated that "Not only is this regulatory concept well suited to deal with the new technology of the RPP, it holds promise for wider application in the DOE". The EIR Team urged DOE to continue with this promising regulatory initiative embodied in the RU and to obtain a full evaluation of its potential.

Through the end of the contract (July 28), BNFL had submitted 22 of the 28 scheduled Authorization Basis Amendment Requests (ABARs) for RU review and approval. The RU has dispositioned 18 of the 22 ABARs submitted by BNFL. Thirteen ABARs were approved, three were withdrawn by BNFL after deficiencies were identified and two were disapproved. The RU is reviewing the remaining four ABARs.

COST PERFORMANCE (Graph)**Regulatory Unit Cost Performance**

COST PERFORMANCE SUMMARY

The fiscal year-to-date performance through July reflects a favorable cost variance of \$251K and an unfavorable schedule variance of \$276K. The favorable cost variance is a result of lower than anticipated costs associated with the writing of Inspection procedures, observing Design Reviews, and developing CAR Review handbooks. The unfavorable schedule variance is due primarily to BNFL withdrawing its Radiation Protection Program (RPP) for Design and Construction after a one-week acceptability review by the RU determined that the document was not acceptable for a detailed review. In addition, the termination of BNFL's contract has led to delays in Inspections and the review of BNFL's Limited Construction Authorization (LCA).

NEAR-TERM LOOK AHEAD

The termination of the BNFL contract impacted a majority of FY 2000 RU work activities. Many of these activities, as shown below, had major milestones associated with their completion dates. Until a new baseline is approved, these dates will be shown as "TBD".

Planned Due Date

August

- | | |
|---|-----|
| • Conduct ALARA Inspection | TBD |
| • Present 15 th Quarterly Briefing to Headquarters | TBD |
| • Issue QA Inspection Report | TBD |

September

- | | |
|--|---------|
| • Commence Review of BNFL ISMP Revision | TBD |
| • Issue ALARA Inspection Report | TBD |
| • Conduct Configuration Management Inspection | TBD |
| • Commence Review of BNFL HAR Revision | TBD |
| • Issue CAR Review Handbook | TBD |
| • Issue Standards Implementation Inspection Report | TBD |
| • Issue ER on BNFL RPP | TBD |
| • Issue ER on BNFL QAPIP | 9-15-00 |
| • Issue FY 2001 Program Management Plan | 9-29-00 |

October

- | | |
|--|-----|
| • Commence Review of BNFL SRD Revision | TBD |
| • Issue Configuration Management Inspection Report | TBD |
| • Conduct Standards Selection Inspection | TBD |

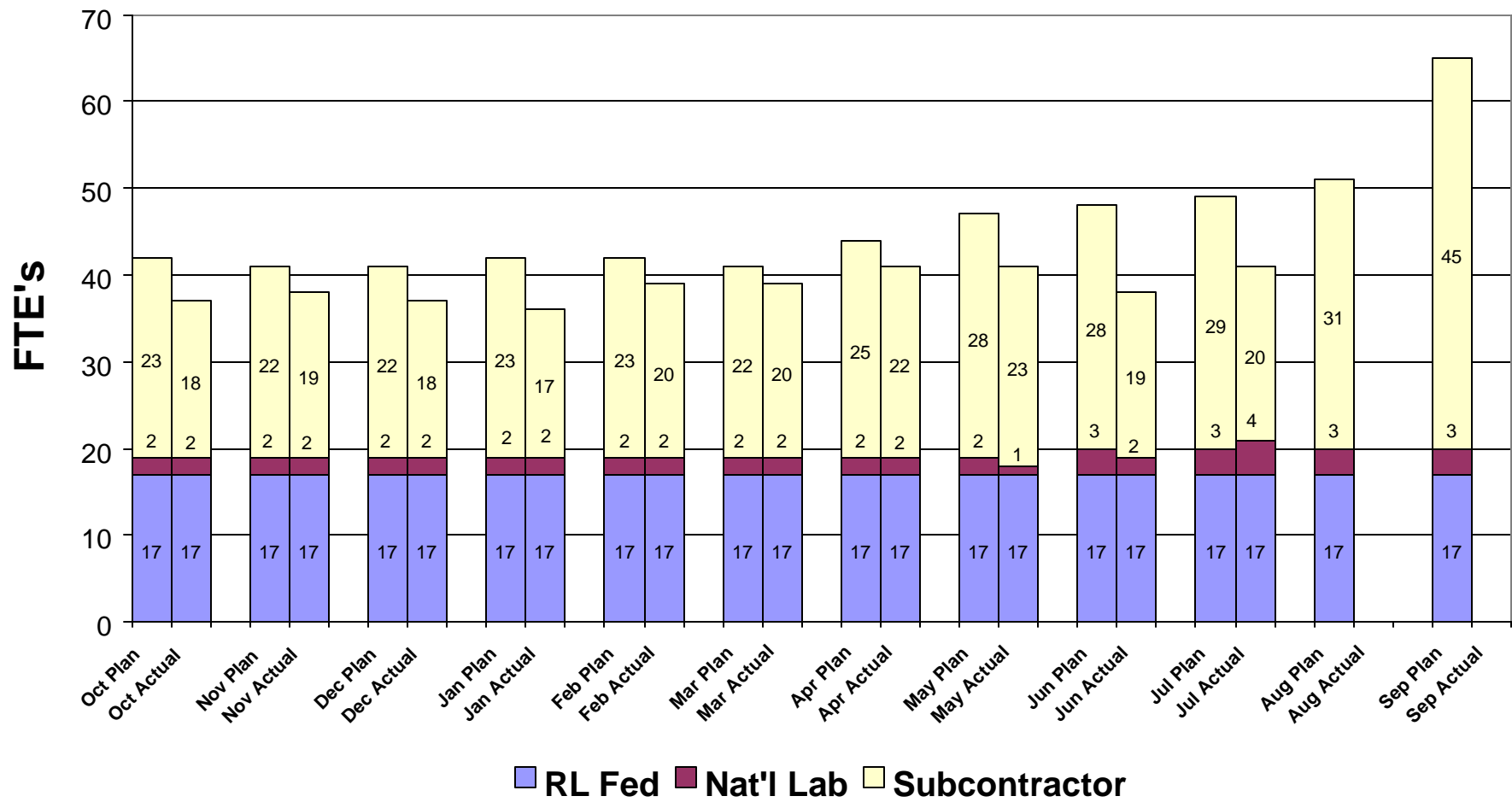
PROGRAM PERFORMANCE OVERVIEW

PERFORMANCE SUMMARY (Chart) – Program Direction and Program Support

		DOLLARS IN \$000's					FY 2000		
		BCWS	BCWP	ACWP	SV	CV	BAC	EAC	Delta
RU1	Program Management								
	<i>Program Direction</i>	\$1.202	1.203	1.224	1	(\$21)	\$1.462	1.495	(\$33)
	<i>Program Support</i>	1.340	1.340	1.305	0	35	1.656	1.541	115
	Total RU1 -----	2,542	2,543	2,529	1	14	3,118	3,036	82
RU2	Regulatory Policy & Practices								
	<i>Program Direction</i>	122	118	120	(4)	(2)	143	152	(9)
	<i>Program Support</i>	356	345	302	(11)	43	410	323	87
	Total RU2 -----	478	463	422	(15)	41	553	475	78
RU5	Recurring Safety Reviews								
	<i>Program Direction</i>	364	341	332	(23)	9	435	385	50
	<i>Program Support</i>	1,200	1,082	1,060	(118)	22	1,406	1,251	155
	Total RU5 -----	1,564	1,423	1,392	(141)	31	1,841	1,636	205
RU6	Construction Authorization								
	<i>Program Direction</i>	177	148	85	(29)	63	245	241	4
	<i>Program Support</i>	202	147	126	(55)	21	402	270	132
	Total RU6 -----	379	295	211	(84)	84	647	511	136
RU9	Oversight & Inspections								
	<i>Program Direction</i>	213	196	192	(17)	4	276	285	(9)
	<i>Program Support</i>	455	435	367	(20)	68	598	460	138
	Total RU9 -----	668	631	559	(37)	72	874	745	129
RU10	Special Projects								
	<i>Program Direction</i>	\$9	9	16	0	(\$7)	\$9	9	\$0
	<i>Program Support</i>	134	134	118	0	16	432	220	212
	Total RU10 -----	\$143	143	134	0	\$9	\$441	229	\$212
Total Regulatory Unit Program									
	<i>Program Direction</i>	\$2.087	2.015	1.969	(72)	\$46	\$2.570	2.567	\$3
	<i>Program Support</i>	3,687	3,483	3,278	(204)	205	4,904	4,065	839
	Total RU Program-----	\$5,774	5,498	5,247	(276)	\$251	\$7,474	6,632	\$842

MILESTONE CONTROL LOG

MILESTONE CONTROL LOG							
MILESTONE		WBS	MILESTONE DESCRIPTION	BASELINE COMPLETION DATE	SCHEDULE STATUS	FORECAST COMPLETION DATE	ACTUAL COMPLETION DATE
TYPE	NUMBER						
<u>FISCAL YEAR 2000</u>							
RL	00-010	RU902	Standards Selection Inspection rpt issued	10/12/99	Complete	10/06/99	10/06/99
RL	00-011	RU902	Authorization Basis Inspection rpt issued	11/08/99	Complete	12/13/99	12/13/99
RL	00-012	RU902	Safety Integration Inspection rpt issued	12/07/99	Complete	12/03/99	12/03/99
FO	00-013	RU203	IH&S Plan issued	5/10/00	Complete	5/10/00	5/10/00
FO	00-015	RU205	Revised Interface Plan issued	1/31/00	Complete	1/28/00	1/28/00
RL	00-016	RU902	Design Process Inspection rpt issued	2/14/00	Complete	2/08/00	2/08/00
RL	00-017	RU902	Employee Concerns Program Inspection rpt issued	3/13/00	Complete	3/10/00	3/10/00
RL	00-018	RU902	Training & Qualifications Inspection rpt issued	4/07/00	Complete	4/05/00	4/05/00
RL	00-019	RU608	SAP Rvw Handbook issued	7/31/00	Complete	7/31/00	7/21/00
RL	00-027	RU608	Initiate Review of SAP	9/01/00	TBD	TBD	
RL	00-020	RU605	LCAR Planning Handbook issued	6/16/00	Complete	6/16/00	6/16/00
FO	00-004	RU502	ER & Approval of QAPIP Rev. 6 issued	9/22/00	Ahead	9/15/00	
RL	00-014	RU902	Standards Implementation Inspection rpt issued	9/29/00	TBD	TBD	
RL	00-026	RU605	Initiate Review of LCA Request	6/27/00	Complete	6/27/00	6/27/00
FO	00-002	RU204	Openness Plan Rev. 3 issued	6/30/00	Complete	6/30/00	6/30/00
RL	00-021	RU902	QA Inspection rpt issued	7/28/00	TBD	TBD	
RL	00-022	RU602	CAR Planning Handbook issued	9/29/00	TBD	TBD	
FO	00-023	RU502	Approval of RPP Rev. #3 issued	9/01/00	TBD	TBD	
RL	00-024	RU902	Corrective Actions Inspection rpt issued	5/30/00	Complete	5/31/00	5/31/00
RL	00-025	RU902	ALARA Inspection rpt issued	9/11/00	TBD	TBD	
FO	00-003	RU102	FY 2001 PMP issued	9/29/00	On Schedule	9/29/00	

FULL-TIME EQUIVALENCY PROFILE (Graph)**Regulatory Unit FTE Profile**

CHANGE CONTROL STATUS LOG

Regulatory Unit FY 2000 Change Control Log							
CIN#	Change Classified.	Author	WBS#	Date Change Originated	Change Request Explanation	CEB Review Date	CEB Disposition
00-001	I	K.D. Grindstaff	1.10	11/99	Processing of the FY 1999 Carryover into FY 2000 Baseline and Realignment of FY 2000 Cost Savings to Emergent Priority Workscope.	11/24/99	Approved
00-002	II	K.D. Grindstaff	1.10	12/99	Added new emergent workscope associated with impact risk balancing between TWRS and the TWRS-P facility.	12/03/99	Approved
00-003	III	K.D. Grindstaff	1.10	1/00	Redistributed funds associated with a task package titled Other Direct Cost (0424ODC).	1/18/00	Approved
00-004	II	K.D. Grindstaff	1.10	1/00	Renamed Cost Account RU1002 from K Basin SAR to Misc. RU Reg. Activities and separated the CAP into three tasks; K Basin SAR, RL Quality Assurance Program Plan, and WIPP Reg. Program Development.	1/20/00	Approved
00-005	I	K.D. Grindstaff	1.10	2/00	Implemented the most recent resource/activity planning effort, utilizing the Project's FYTD cost savings. Mid-year rebaselining effort.	2/25/00	Approved
00-006	II	K.D. Grindstaff	1.10	5/00	Initiated the detailed review of the BNFL process and facility design, which will provide the RU a current understanding of the BNFL process and facility design.	5/02/00	Approved
00-007	I	K.D. Grindstaff	1.10	5/00	Aligned the RU to the latest BNFL schedule delay prior to the decision to terminate the BNFL Hanford Contract.	5/30/00	Approved
00-008	II	K.D. Grindstaff	1.10	6/00	Implemented workscope to support decisions related to the relative risk of TWRS compared to the TWRS-P facility.	6/22/00	Approved
00-009	II	K.D. Grindstaff	1.10	7/00	This change request documented \$750K of Programmatic efficiencies that are being made available for other Hanford Site priority workscope. This is a funds only change request.	8/02/00	Approved